

## AKT (phospho Ser473) antibody [104A282]

## Cat. No. GTX11901

<b>Host</b>	Mouse
<b>Clonality</b>	Monoclonal
<b>Isotype</b>	IgG1
<b>Applications</b>	WB, ICC/IF, IHC-P
<b>Reactivity</b>	Human, Mouse, Zebrafish, Chicken

References ( 11 )

Package

50 µg

## Applications

## Application Note

\*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
WB	Assay dependent
ICC/IF	Assay dependent
IHC-P	1:200 - 1:250

Not tested in other applications.

**Calculated MW** 56 kDa. ( [Note](#) )

## Properties

<b>Form</b>	Liquid
<b>Buffer</b>	PBS
<b>Preservative</b>	0.05% Sodium azide
<b>Storage</b>	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
<b>Concentration</b>	1 mg/ml (Please refer to the vial label for the specific concentration.)
<b>Immunogen</b>	This monoclonal antibody was raised against a synthetic peptide containing phosphorylated serines at amino acid residues 473 of human Akt1.
<b>Purification</b>	Protein G purified
<b>Conjugation</b>	Unconjugated

## Note

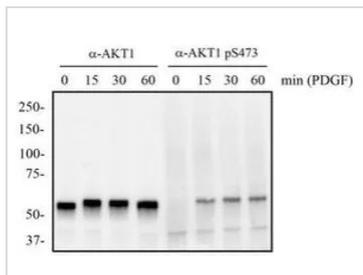
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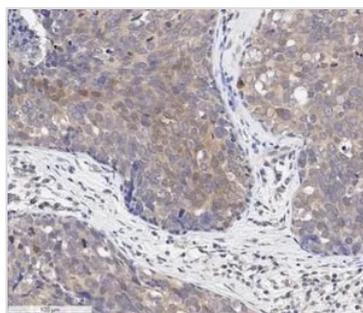
DATA IMAGES



**GTX11901 WB Image**

WB analysis of 3T3 cells treated with and without PDGF (50 ng/ml) using GTX11901 AKT (phospho Ser473) antibody [104A282] and AKT1 antibody.

Dilution : 2 µg/ml

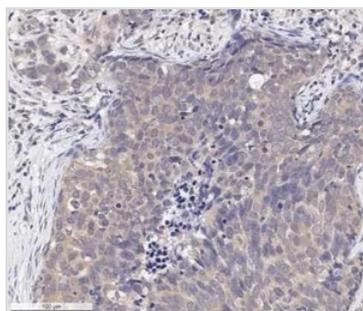


**GTX11901 IHC-P Image**

IHC-P analysis of human breast carcinoma tissue using GTX11901 AKT (phospho Ser473) antibody [104A282].

Dilution : 1:250

Antigen retrieval : Heat induced antigen retrieval (HIER) using 10mM sodium citrate buffer (pH 6.0)

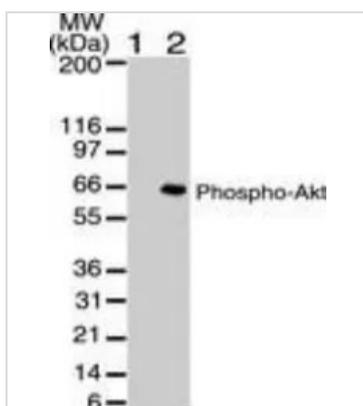


**GTX11901 IHC-P Image**

IHC-P analysis of human breast carcinoma tissue using GTX11901 AKT (phospho Ser473) antibody [104A282].

Dilution : 1:250

Antigen retrieval : Heat induced antigen retrieval (HIER) using 10mM sodium citrate buffer (pH 6.0)



**GTX11901 WB Image**

WB analysis of untreated (lane 1) and PDGF treated (lane 2) NIH-3T3 lysate using GTX11901 AKT (phospho Ser473) antibody [104A282].

Dilution : 2 µg/ml



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